

United States Government

Department of Energy

Office of River Protection

memorandum

DATE:

APR 27 2005

REPLY TO
ATTN OF:

05-ORP-031 Chairman, Federal Technical Capability Panel

SUBJECT:

QUARTERLY REPORT ON FEDERAL TECHNICAL CAPABILITY

TO: Distribution – See Attached

This Quarterly Report on the Federal Technical Capability Program (FTCP) contains information on the status of qualifications in the Technical Qualification Program (TQP) and technical skill gaps as of March 31, 2005.

Attachment 1 provides the Status of Qualifications in the TQP. The U.S. Department of Energy (DOE) goal is to exceed an 80% fully qualified rate for all personnel in the TQP. Currently, the DOE qualification rate is 84%, a slight decrease from last quarter. This is attributed to National Nuclear Security Administration increasing the number of personnel on the TQP. A second goal is that there will be no personnel participating in the TQP who are overdue in their qualifications. Currently, eight offices have overdue personnel in their TQP qualifications emphasis needs to continue to qualify overdue personnel.

Attachment 2 provides the status of qualifications for Safety System Oversight (SSO) personnel. These personnel are responsible for oversight of safety systems in nuclear facilities. Qualification requirements were established in May 2004 with the issuance of DOE Manual 426.1-1A, *Federal Technical Capability Manual*. As of March 31, 2005, sites identified 87 SSO personnel, of which 14 are qualified.

Attachment 3 provides charts of the status of qualification and technical skill gaps in the TQP and identifies qualification program trends.

If you have any questions or comments, please contact me, or your staff may contact John D. Evans, (202) 586-3685.



Roy J. Schepens, Chairman
Federal Technical Capability Panel

Attachments (3):

1. Status of Qualifications in the TQP
2. Status of Qualifications for SSO Personnel
3. TQP Status Charts

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Manager, Savannah River Site Office (SRSO)
Manager, Y-12 Site Office (YSO)

Status of Qualifications in the Technical Qualification Program (TQP)

March 31, 2005

Update Frequency: Quarterly

OVERALL TQP QUALIFICATIONS						
Office		Number of People in the TQP	Number Fully Qualified	Number Overdue	Percent Fully Qualified	80%? Comments
<u>National Nuclear Security Administration (NNSA)</u>						
Los Alamos Site Office	LASO	52	36	1	69%	Projects 80% by December 2005
Livermore Site Office	LSO	38	23	2	61%	Projects 80% by March 2006. See Note 1
Nevada Site Office	NSO	66	59	1	89%	●
Pantex Site Office	PXSO	53	35	0	66%	Projects 80% by September 2005
Savannah River Site Office	SRSO	12	12	0	100%	●
Sandia Site Office	SSO	27	18	1	67%	Projects 80% by June 2005
Y-12 Site Office	YSO	61	51	0	84%	●
NNSA Headquarters	NA-HQ	72	49	6	68%	Projects 80% by April 2005
NNSA Service Center	NA-SC	50	27	0	54%	Projects 80% by December 2005
NNSA Totals		431	310	11	72%	Overall increase in TQP of 17 FTE
<u>Environmental Management (EM)</u>						
Carlsbad Field Office	CBFO	12	11	0	92%	●
Ohio Field Office	OH	49	49	0	100%	●
Office of River Protection	ORP	86	78	1	91%	●
Richland Operations Office	RL	107	101	0	94%	●
Rocky Flats Project Office	RFPO	24	19	5	79%	Closure Site
Savannah River Ops. Office	SR	195	167	9	86%	Project completion of overdue by June 2005
EM Headquarters	EM-HQ	11	10	0	91%	●
EM Totals		484	435	15	90%	●
<u>Others</u>						
Idaho Operations Office	NE-ID	105	94	0	90%	●
Oak Ridge Operations Office	OR (SC)	177	159	0	90%	●
Environment, Safety & Health	EH-HQ	62	62	0	100%	●
Others Totals		344	315	0	92%	
DOE Total		1259	1060	26	84%	
DOE Goals		-	-	0	80%	

Notes:

* Due to the recent establishment of SSO program qualification requirements (May 2004), SSO Qualification Status is not being included in the "Overall TQP Qualifications" status

Note 1: At LSO, The projected date for achieving 80% qualified was extended to March 2006, due to rebaselining TQP participation based on findings from OA audit, reassignment of personnel, and new hiring.

Status of Qualifications in the Safety System Oversight (SSO) Program

March 31, 2005

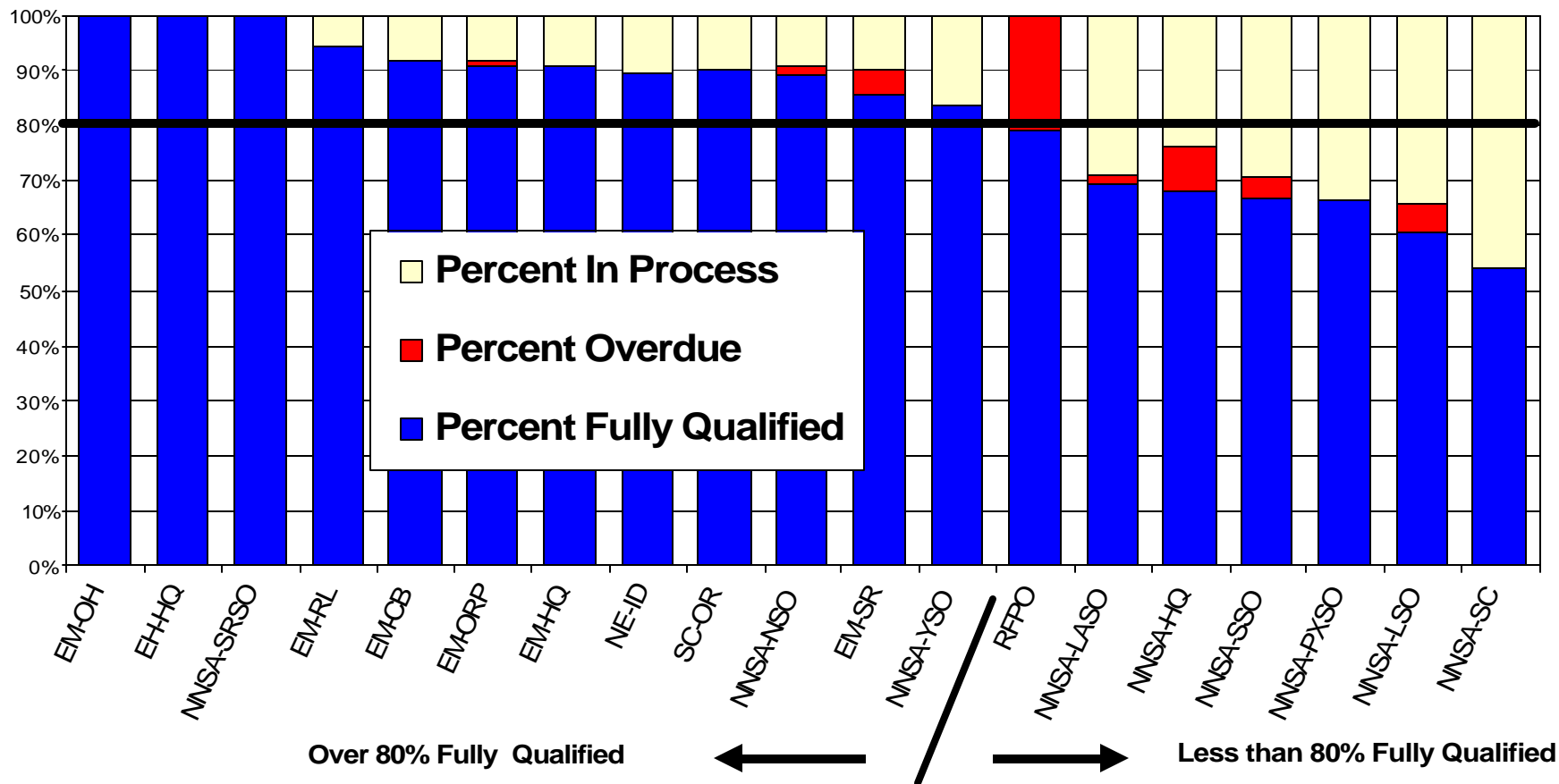
Update Frequency: Quarterly

		OVERALL TQP QUALIFICATIONS					
Office		Number of SSO Personnel Needed	Number SSO Personnel Onboard	Number SSO Fully Qualified	Number SSO Overdue	Percent Fully Qualified	Status of SSO Assessments (Initial and Follow-up)
National Nuclear Security Administration (NNSA)							
Los Alamos Site Office	LASO	6	6	0	0	0%	Initial assessment conducted
Livermore Site Office	LSO	7	7	0	0	0%	Initial assessment conducted
Nevada Site Office	NSO	7	7	0	0	0%	Additional analysis being conducted to review passive safety systems
Pantex Site Office	PXSO	4	4	2	0	50%	Initial assessment conducted
Savannah River Site Office	SRSO	2	1	0	0	0%	Initial assessment conducted
Sandia Site Office	SSO	2	2	0	0	0%	Initial assessment conducted
Y-12 Site Office	YSO	6	6	0	0	0%	Initial assessment conducted
NNSA Headquarters	NA-HQ	0	0	0	0	0%	Initial assessment conducted
NNSA Service Center	NA-SC	4	4	0	0	0%	Initial assessment conducted
NNSA Totals		38	37	2	0	5%	
Environmental Management (EM)							
Carlsbad Field Office	CBFO	5	5	5	0	100%	Initial assessment conducted
Ohio Field Office	OH	0	0	0	0	0%	Initial assessment conducted
Office of River Protection	ORP	10	10	1	0	10%	Initial assessment conducted
Richland Operations Office	RL	6	6	0	0	0%	Initial assessment conducted
Rocky Flats Project Office	RFPO	1.5	1.5	0	0	0%	Initial assessment conducted
Savannah River Ops. Office	SR	21	21	0	0	0%	Initial assessment conducted
EM Headquarters	EM-HQ	0	0	0	0	0%	N/A
EM Totals		43.5	43.5	6	0	14%	
Others							
Idaho Operations Office	NE-ID	7	5	5	0	100%	Initial assessment conducted
Oak Ridge Operations Office	OR (SC)	2	2	0	0	0%	Initial assessment conducted
Environment, Safety & Health	EH-HQ	0	0	0	0	0%	N/A
Others Totals		9	7	5	0	71%	
DOE Total		90.5	87.5	13	0	15%	
DOE Goals							

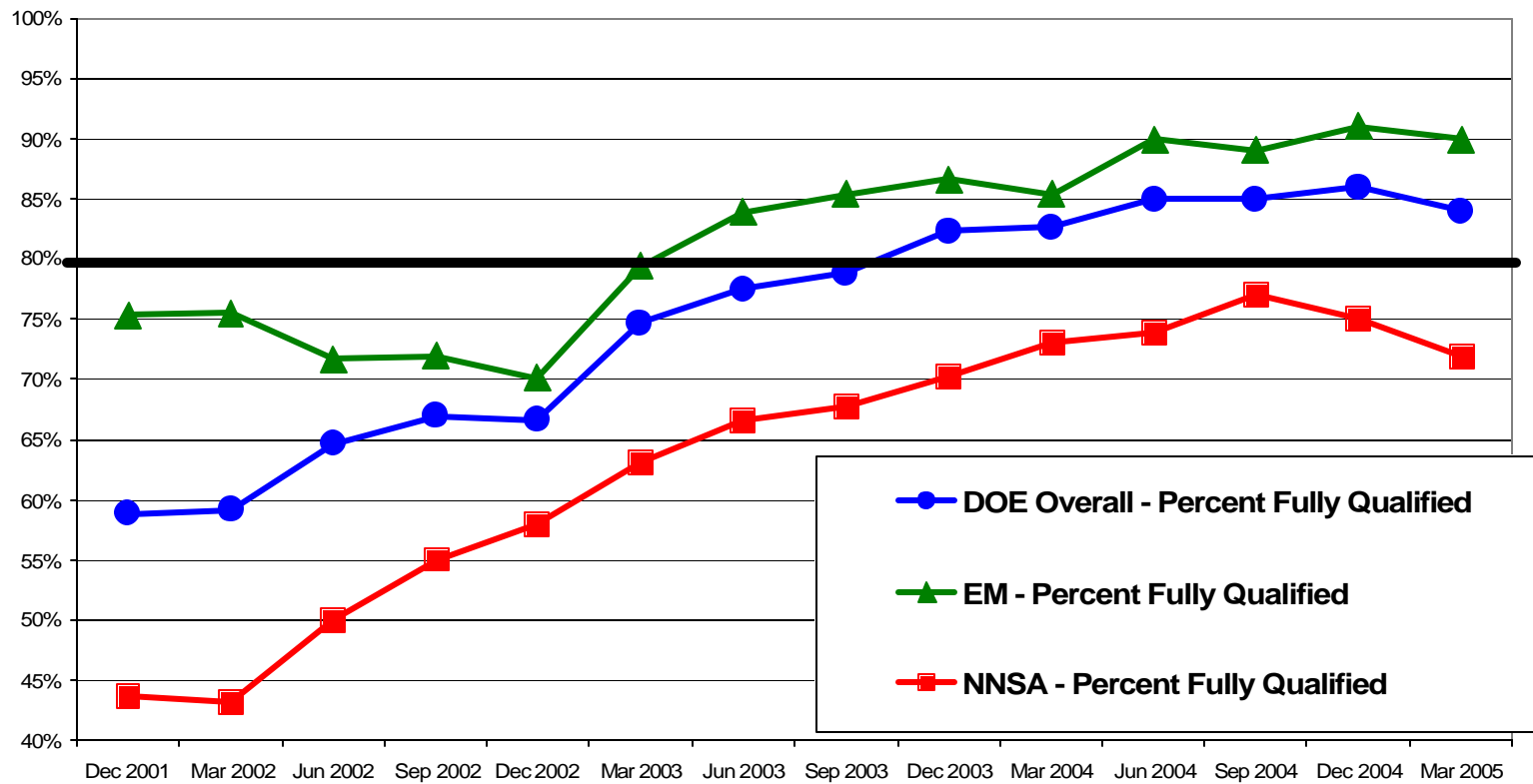
Notes:

* Due to the recent establishment of SSO program qualification requirements (May 2004), SSO Qualification Status is not being included in the "Overall TQP Qualifications" status

Percent Qualified by Office - March 2005



DOE Trend on Technical Qualification - March 2005



DOE Trend on Overdue Qualifications - March 2005

